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(REV. 8-83)

U.S. Department of Commerce
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Atty. Dock
2003080-0083
(SK-943-US)

In re Application No.
09/938,754
#13

INFORMATION DISCLOSURE STATEMENT

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Filing Date:
August 24, 2001

Group:
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U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass
BC *	6,239,168	Ino et al.,	May 29, 2001	514	450
BC *	5,977,165	Agatsuma et al.,	November 2, 1999	514	450
BC	5,731,343	Feng et al.,	March 24, 1998	514	450
BC *	5,650,430	Sugimura et al.,	July 22, 1997	514	450
BC *	5,597,846	Sugimura et al.,	January 28, 1997	514	450
BC	4,228,079	Calton	October 14, 1980	260	343.41
BC	3,373,038	Hodge et al.,	March 12, 1968		

U.S. PATENT APPLICATIONS

Examiner's Initials:	Serial Number:	Applicant:	Filing Date:	Group:	Art Unit:

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Publication Date	Translation	
				Yes	No
BC	EP 0 606 044	Europe	13 July 1994		
BC *	WO 98/18780	PCT	07 May 1998	X (abstract only)	X
BC *	WO 99/55689	PCT	04 November 1999	X (abstract only)	X
BC	WO 00/61578	PCT	19 October 2000		
BC	WO 01/45751	PCT	28 June 2001		

OTHER DOCUMENTS

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
BC	Armstrong, et al., "Synthesis of Sulphur-Containing Heterocycles by Ring Closing Diene Metathesis", <i>Tetrahedron Letters</i> , 37(52): 9373-9376, 1996.
BC	Blanchette, et al., "Horner-Wadsworth-Emmons Reaction: Use of Lithium Chloride and an Amine for Base-Sensitive Compounds", <i>Tetrahedron Letters</i> , 25(21): 2183-2186, 1984.
BC	Buchner, J., "Hsp90& Co. - A Holding for Folding", <i>TIBS</i> , 136-141, April 1999.

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INFORMATION DISCLOSURE STATEMENT


(Use several sheets if necessary)

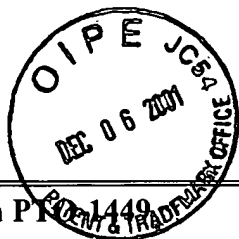
Applicant: Danishefsky, et al.

DEC 07 2001

Filing Date:
August 24, 2001

TECHNOLOGY CENTER
+651 1654 0000/2000

	Chatterjee, et al., "Synthesis of Functionalized Olefins by Cross and Ring-Closing Metatheses", <i>J. Am. Chem. Soc.</i> 122 : 3783-3784, 2000.
BC	Chiosis, et al., "A Small Molecule Designed to Bind to the Adenine Nucleotide Pocket of Hsp90 Causes Her2 Degradation and the Growth Arrest and Differentiation of Breast Cancer Cells", <i>Chemistry & Biology</i> , 8 : 289-299, 2001.
BC	Delmotte, et al., "A New Antifungal Substance of Fungal Origin", <i>Nature</i> , 17 : 344, 1953.
BC	Fang, et al., "Regio-Diastereoselective Reactions of Dithio-Substituted Crotyllithium and Aldehydes", <i>J. Org. Chem.</i> 51 : 2828-2829, 1986.
BC	Fukuyama, et al., "Total Synthesis of Gliotoxin, Dehydrogliotoxin and Hyalodendrin", <i>Tetrahedron</i> , 37 : 2045-2078, 1981.
BC	Fürstner, et al., "Macrocycles by Ring-Closing-Metathesis, XI ¹ : Syntheses of (R)-(+)-Lasiodiplodin, Zeranol and Truncated Salicylhalamides", <i>Tetrahedron</i> , 55 : 8215-8230, 1999.
BC	Garbaccio, et al., "Efficient Asymmetric Synthesis of Radicicol Dimethyl Ether: A Novel Application of Ring-Forming Olefin Metathesis", <i>Org. Lett.</i> 2 (20): 3127-3129, 2000.
BC	Kishi, et al., "A New Method for the Synthesis of Epidithiodiketopiperazines", <i>Journal of the American Chemical Society</i> , 95 (19): 6490-6492, 1973.
BC	Kuduk, et al., "Synthesis and Evaluation of Geldanamycin-Estradiol Hybrids", <i>Bioorganic & Medicinal Chemistry Letters</i> , 9 : 1233-1238, 1999.
BC	Kuduk, et al., "Synthesis and Evaluation of Geldanamycin-Testosterone Hybrids", <i>Bioorganic & Medicinal Chemistry Letters</i> , 10 : 1303-1306, 2000.
BC	Kwon, et al., "Suppression of Morphological Transformation by Radicicol is Accompanied by Enhanced Gelsolin Expression", <i>Oncogene</i> , 15 : 2625-2631, 1997.
BC	Kwon, et al., "Radicicol, An Agent Inducing the Reversal of Transformed Phenotypes of src-Transformed Fibroblasts", <i>Biosci. Biotech. Biochem.</i> 56 (3): 538-539, 1992.
BC *	Lampilas, et al., "Convergent Stereospecific Total Synthesis of Monocillin I and Monorden (or Radicicol)", <i>Tetrahedron Letters</i> , 33 (6): 777-780, 1992.
BC	Lampilas, et al., "Convergent Stereospecific Total Synthesis of Monochiral Monocillin I Related Macrolides", <i>Tetrahedron Letters</i> , 33 (6): 773-776, 1992.
BC	Makara, et al., "An Improved Synthesis of 5,7-Dimethoxy-4-Methyl-Phthalide, A Key Intermediate in the Synthesis of Mycophenolic Acid", <i>Synthetic Communications</i> , 26 (10): 1935-1942, 1996.
BC	McCapra, et al., "The Constitution of Monorden, An Antibiotic with Tranquilising Action", <i>Tetrahedron Letters</i> , 15 : 869-875, 1964.
BC *	Mirrington, et al., "The Constitution of Radicicol", <i>Tetrahedron Letters</i> , 7 : 365-370, 1964.
BC	Münster, et al., "Inhibition of Heat Shock Protein 90 Function by Ansamycins Causes the Morphological and Functional Differentiation of Breast Cancer Cells" <i>Cancer Research</i> , 61 : 2945-2952, 2001.



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August 24, 2001Group:
~~1651~~ 1624

BC	Münster, et al., "Modulation of Hsp90 Function by Ansamycins Sensitizes Breast Cancer Cells to Chemotherapy-Induced Apoptosis in an RB- and Schedule-Dependent Manner", <i>Clinical Cancer Research</i> , 7: 2228-2236, 2001.
BC	Murphy, et al., "Lithium Keten Thioacetalides. Factors Influencing α - Versus γ -Alkyl-ation", <i>J. Chem. Soc. Perkin I</i> , 2678-2682, 1980.
BC	Roe, et al., "Structural Basis for Inhibition of the Hsp90 Molecular Chaperone by the Antitumor Antibiotics Radicol and Geldanamycin", <i>J. Med. Chem.</i> 42: 260-266, 1999.
BC	Sausville, Edward., "Combining Cytotoxics and 17-Allylamino, 17-Demethoxygeldanamycin: Sequence and Tumor Biology Matters" <i>Clinical Cancer Research</i> , 7: 2155-2158, 2001.
BC	Schlede, et al., "Efficient Enantioselective Synthesis of a β -Hydroxyepoxide Building Block for the Construction of Macrocyclic Natural Products", <i>Tetrahedron Letters</i> , 39: 1143-1144, 1998.
BC	Scholl, et al., "Synthesis and Activity of a New Generation of Ruthenium-Based Olefin Metathesis Catalysts Coordinated with 1,3-Dimesityl-4,5-Dihydroimidazol-2-Ylidene Ligands", <i>Organic Letters</i> , 1(6): 953-956, 1999.
BC	Smith, et al., "Synthesis of (-) - Bertyadionol", <i>J. Am Chem. Soc.</i> 108: 3110-3112, 1986.
BC	Solit, "394 17-(Allylamino)-17-Demethoxygeldanamycin (17-AAG) Inhibits Intra-Cellular Akt Kinase Activity in HER2 Overexpressing Breast Cancer Cell Lines and Enhances the Apoptosis Induced by Cytotoxic Agents", http://www.aacr.org/newdrugs00/394.html , 2000
BC	Uemura, et al., "Chlorination and Chloriodination of Acetylenes with Copper(II) Chloride", <i>J. Chem. Soc. Perkin I</i> , 676-680, 1977.
BC	Zhao, et al., "Suppression of RAS and MOS Transformation by Radicol", <i>Oncogene</i> , 11: 161-173, 1995.
BC	Zheng, et al., "Identification of a Geldanamycin Dimer that Induces the Selective Degradation of HER-Family Tyrosine Kinases", <i>Cancer Research</i> , 60: 2090-2094, 2000.

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April 15, 2003